

Challenger

MT900E SERIES

SPECIFICATIONS



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MT900E SERIES

MT955E | MT965E | MT975E

MODELS	MT955E	MT965E	MT975E
ENGINE			
Type	AGCO Power™ 16.8L	AGCO Power™ 16.8L	AGCO Power™ 16.8L
Maximum ISO engine @ 1,900 rated RPM's – HP (kW)	536 (394)	591 (435)	646 (475)
ISO engine @ 2,100 rated RPMs – HP (kW)*	500 (365)	550 (403)	600 (440)
PTO power @ rated 2,100 RPM's – HP (kW)	400 (298)	425 (317)	425 (317)
Peak torque @ 1,500 RPM's – ft. lbs. (Nm)	1,740 (2,360)	1,917 (2,600)	2,095 (2,841)
Engine torque rise	42%	42%	42%
Number of cylinders / valves	12 / 48	12 / 48	12 / 48
Displacement – L (CID)	16.8 (1,025)	16.8 (1,025)	16.8 (1,025)
Aspiration	Dual twin turbo chargers with eWastegate	Dual twin turbo chargers with eWastegate	Dual twin turbo chargers with eWastegate
FUEL SYSTEM			
Fuel tank capacity – US gal. (L)	400 (1,514)		
DEF SYSTEM			
DEF tank capacity – US gal. (L)	52 (198)		
TRANSMISSION			
Type	Caterpillar® Powershift 16F / 4R		
Maximum speed – mph (kph)	24.6 (39.6)		
ELECTRICAL SYSTEM			
Alternator	2 – 150 amp		
Batteries	4 – 1,000 cca 12 V		

*Rated engine PS (HP ISO) per 97/68/EC at 2,100 engine RPM

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HYDRAULIC SYSTEM			
Type	Closed-center, pressure-flow compensated		
Standard flow – gpm (L/min)	58 (220)		
Optional flow – gpm (L/min)	85 (322)		
Hydraulic remotes	4 standard / up to 6 optional		
Max flow at 1 remote – gpm (L/min)	37 (140)		
Maximum system pressure – psi (bar)	2900 (200)		
AXLES & FINAL DRIVE			
Final drive	Dual inboard planetary		
Bar diameter – in. (mm)	5.7 in (145 mm)		
Standard tires	710/70R42 duals		
Service brakes (front & rear axle)	Wet disk in axle		
Differential lock (front & rear axle) – optional	Electro hydraulic wet disc		
3-POINT HITCH / DRAWBAR			
Drawbar capacity (std CAT 5/Opt. CAT 4)	12,500 (5670) / 10,000 (4,535)		
3-PT Hitch – lbs. (kg)	19,500 (8,845)		
WEIGHT			
Approx. shipping weight – lbs. (kg)	47,500 (21,546)		
Maximum operating weight – lbs. (kg)	54,000 (24,494)	60,000 (27,216)	




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